

M12 male 90° A-cod. / MSUD valve plug A-18mm

PUR 5x0.34 bk UL/CSA 0.3m

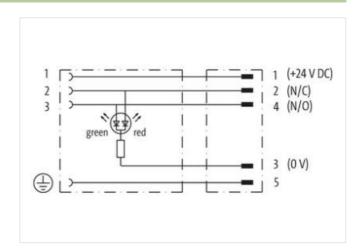
MSUD

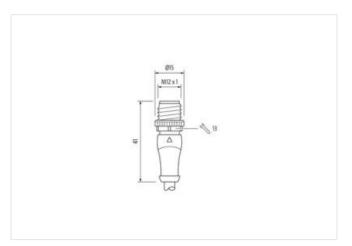
Form A (18 mm) – M12, male 90° 24 V DC ±25% LED (red/green) for pressure switches Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

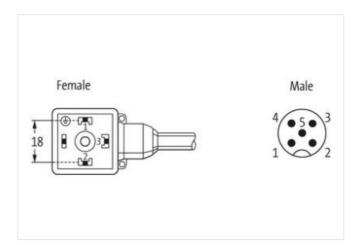
Link to Product

Illustration









The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-26

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Product may differ from Image



Side 1 Tightening torque Family construction form Thread Degree of protection (EN IEC 60529) Side 2 Tightening torque Family construction form Thread Degree of protection (EN IEC 60529) Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-6.1 ECLASS-6.1 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1	0,3 m 0,4 Nm MSUD M3 IP66K, IP67 0,6 Nm M12 M12 x 1
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ECLASS-11.1	27060312
	27060312
ECLASS-12.0	27060312
	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879609555
Packaging unit	1
Electrical data Supply	
	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A
Current consumption max.	12 mA
Device protection Electrical	

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Rated surge voltage 0,8 kV Mechanical data [Material data Color housing black Material housing Plastic Mechanical data [Mounting data Mounting method Mounting method inserted, screwed Environmental characteristics [Climatic Color housing Operating temperature max. 25 °C Additional condition temperature range depending on cable quality Cable Cable isolation (25 S Cable isolation (cable volta) 24 (PUR,PVC) Approval (cable) UL (AWMA Style 205491731), CSA CE conform Cable weight [g/m] 54,76 g Material wire Cu wire, bare Resistor (core) max. 57 DAm (20 °C) Single wire 0 (core) 0.1 mm Construction (core) 42.0 1 mm (multi-strand wire dass 6) Diameter (core) 5.0.34 mm² AWG eininitr to AWG 22 Material moder wire isolation QFC, cadmium-, silicone- and lead-free Share hardness wire isolation 3.55 Dm ±5% Colorumbering of wires br, b, b, wire, wore climical isolatany isolatany screaming. Wee O	Additional condition protection degree	inserted, screwed
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Color jacketblackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CBending radius (fixed)10× outer ØBending radius (dynamic)15× outer ØNo. of bending cycles (C-track)max. 2 Mio. (25 °C)Travel speed (C-track)max. 3.3 m/s	Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
chemical resistancegood resistance to oil, gasoline and chemicalsNominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CBending radius (fixed)10× outer ØBending radius (dynamic)15× outer ØNo. of bending cycles (C-track)max. 2 Mio. (25 °C)Travel speed (C-track)max. 3.3 m/s	Outer-Ø (jacket)	5.0 mm ±5%
Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CBending radius (fixed)10× outer ØBending radius (dynamic)15× outer ØNo. of bending cycles (C-track)max. 2 Mio. (25 °C)Travel speed (C-track)max. 3.3 m/s	Color jacket	black
Test voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CBending radius (fixed)10× outer ØBending radius (dynamic)15× outer ØNo. of bending cycles (C-track)max. 2 Mio. (25 °C)Travel speed (C-track)max. 3.3 m/s	chemical resistance	good resistance to oil, gasoline and chemicals
Current load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CBending radius (fixed)10× outer ØBending radius (dynamic)15× outer ØNo. of bending cycles (C-track)max. 2 Mio. (25 °C)Travel speed (C-track)max. 3.3 m/s	Nominal voltage	UL 300 V AC
Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CBending radius (fixed)10× outer ØBending radius (dynamic)15× outer ØNo. of bending cycles (C-track)max. 2 Mio. (25 °C)Travel speed (C-track)max. 3.3 m/s	Test voltage	2000 V AC
Temperature range (mobile) -5+80 °C Bending radius (fixed) 10× outer Ø Bending radius (dynamic) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s	Current load capacity	to DIN VDE 0298-4
Bending radius (fixed) 10× outer Ø Bending radius (dynamic) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s	Temperature range (fixed)	-30+80 °C
Bending radius (dynamic) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s	Temperature range (mobile)	-5+80 °C
No. of bending cycles (C-track)max. 2 Mio. (25 °C)Travel speed (C-track)max. 3.3 m/s	Bending radius (fixed)	10× outer Ø
No. of bending cycles (C-track)max. 2 Mio. (25 °C)Travel speed (C-track)max. 3.3 m/s	Bending radius (dynamic)	15× outer Ø
Travel speed (C-track) max. 3.3 m/s		
	Travel speed (C-track)	max. 3.3 m/s
	Acceleration (C-track)	max. 5 m/s ²

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-26

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